INTERNATIONALSEARCHREPORT

International application No. PCT/JP2005/004584

Relevant to claim No.

CLASSIFICATION OF SUBJECT MATTER

Int.Cl.7G06K19/077, 19/07, H01L27/105

According to International Patent Classification (IPC) or to both national classification and IPC

FIELDS SEARCHED

Category*

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl. GO6K19/077, 19/07, HO1L27/105

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Published examined utility model applications of Japan 1922-1996
Published unexamined utility model applications of Japan 1971-2005
Registered utility model specifications of Japan 1996-2005
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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

Citation of document, with indication, where appropriate, of the relevant passages

Y J	JP 2003-163331 A(RICHO COMPA FULL TEXT, ALL FIGURES(FAMI: JP 2000-020665 A(TOSHIBA COR FULL TEXT, ALL FIGURES(FAMI: JP 11-297963 A(TOSHIBA CORPO FULL TEXT, ALL FIGURES(FAMI:	LY NONE) PORATION) 2000.01.21, LY NONE) PRATION) 1999.10.29,	1,2,5,12-16, 19,23 3,4,6-11,17, 18,20-22 1,2,5,7, 12-16,19,23 3,4,6,8-11, 17,18,20-22 1,2,4,5,23, 12-16,18,19
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* Special cate "A" document considered "E" earlier app national fili "L" document is cited to e special reas document means "P" document than the pri	defining the general state of the art which is not to be of particular relevance plication or patent but published on or after the interling date which may throw doubts on priority claim(s) or which establish the publication date of another citation or other ason (as specified) referring to an oral disclosure, use, exhibition or other published prior to the international filing date but later incrity date claimed and completion of the international search	"X" document of particular relevance; to be considered novel or cannot be inventive step when the document is document of particular relevance; to be considered to involve an inventive combined with one or more of the particular relevance of the considered to involve an inventive combined with one or more of the particular teams of the considered to a considered to the constitution of the constitution o	erlying the invention he claimed invention cannot c considered to involve an t taken alone he claimed invention cannot te step when the document is her such documents, such on skilled in the art t family
	ling address of the ISA/JP	Authorized officer	5N 3563
	apan Patent Office	Akira Tanji	[3-10000
3-4-3, Kasum	nigaseki, Chiyoda-ku, Tokyo 100-8915, Japan	Telephone No. +81-3-3581-1101 H	Ext. 3586

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